

PatchMAX PowerSUM 48 Port Panel



Product Classification

Portfolio	SYSTIMAX®
Brand	PATCHMAX® PowerSUM
Product Type	RJ45 patch panel
Regional Availability	Asia Australia/New Zealand EMEA Latin America North America

Dimensions

Depth	206.50 mm 8.13 in
Diameter Over Dielectric, maximum	1.168 mm 0.046 in
Diameter Over Dielectric, minimum	0.762 mm 0.030 in
Height	134.37 mm 5.29 in
Width	482.60 mm 19.00 in

Electrical Specifications

ANSI/TIA Category	5e
Current Rating at Temperature	1.5 A @ 20 °C 1.5 A @ 68 °F
Dielectric Withstand Voltage, RMS, conductive surface	1,500 Vac @ 60 Hz
Dielectric Withstand Voltage, RMS, contact-to-contact	1,000 Vac @ 60 Hz
Insulation Resistance, minimum	500 MOhm

Environmental Specifications

Flammability Rating	UL 94 V-0
Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Relative Humidity	Up to 95%, non-condensing
Safety Standard	cUL UL
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)

General Specifications

Total Ports, quantity	48
Cable Type	Unshielded
Color	Black

Modules, quantity	8
Package Quantity	1
Rack Type	EIA 19 in
Rack Units	3.0

Mechanical Specifications

Conductor Gauge, solid	22 AWG 24 AWG
Conductor Gauge, stranded	22 AWG 24 AWG
Conductor Type	Solid Stranded
Contact Plating Material	Precious metals
Material Type	High-impact, flame retardant, thermoplastic Powder-coated steel
Plug Insertion Life, minimum	750 times
Plug Insertion Life, test plug	IEC 60603-7 compliant plug
Plug Retention Force, minimum	30 lbf 133 N
Termination Contact Plating	Nickel
Termination Type	IDC
Wiring	T568A T568B

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

